

Appl. No. 09/620,572
Amdt. dated Feb. 24, 2006
Reply to Office action of Aug. 24, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method for capturing and distributing live content over a network comprising the steps of:

- capturing signals of a live performance;
- converting said signals to a digital format using a sampling rate and a resolution sufficient to insert a first digital watermark into each sample without degrading said sample;
- inserting the first digital watermark into each sample;
- encoding said digitally formatted signals into a portable file; and
- each time a song or act is completed, closing said portable file and transporting said portable file over a network.

Claim 2 (previously presented): The method of claim 1, further comprising the steps of:

- receiving said portable file;
- publishing said portable file for use by an end user;
- converting said portable file to a format selected by said end user; and
- transporting said converted file to said end user.

Claim 3 (previously presented): The method of claim 2, further comprising the step of:

- inserting a second digital watermark into said converted file prior to transporting said file to said end user.

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Claim 4 (previously presented): The method of claim 3, wherein said second digital watermark is inserted by a brute force insertion method, a subtle insertion method or an invisible insertion method.

Claims 5-8 (cancelled)

Claim 9 (previously presented): A system for capturing and distributing live content over a network comprising:

a capture system for capturing live content, for converting a plurality of analog signals into a plurality of digital signals, for converting said plurality of digital signals into a combined signal, and for transporting said combined signal to a processing and storage system via a single connector;

wherein said processing and storage system stores said combined signal, converts said combined signal back to said plurality of digital signals, converts said plurality of digital signals into a portable file, and closes said portable file each time a song or act is completed; and

wherein said portable file is transported over a network to a server.

Claim 10 (original): The system of claim 9, wherein said portable file is published for use by a plurality of end users.

Claim 11 (original): The system of claim 9, wherein a digital watermark is inserted into said portable file prior to transport to said end user.

Claim 12 (previously presented): The system of claim 11, wherein said digital watermark is inserted by a brute force insertion method, a subtle insertion method or an invisible insertion method.

Claims 13-14 (cancelled)

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Claim 15 (original): The system of claim 9, wherein said each of said plurality of end users receives said portable file with a unique digital watermark.

Claim 16 (previously presented): The system of claim 9, wherein said portable file is converted to a WAV format, a MP3 format, a sdII format or a Real Audio format.

Claim 17 (cancelled)

Claim 18 (previously presented): An analog signal capture and converting device comprising:

- a capture device which receives a plurality of analog signals and converts said analog signals to a plurality of digital signals;

- a multiplexor connected to the capture device for converting said plurality of digital signals into a combined signal;

- a processing unit connected to the multiplexor via a single connector for converting said combined signals to a plurality of time-synchronized and locked digital signals; and

- a plurality of digital signal processors connected to the processing unit for each of said plurality of time-synchronized and locked digital signals for directing said signals, wherein at least one of said signals from said plurality of digital signal processors is converted into a portable file.

Claim 19 (previously presented): The device of claim 18, wherein said multiplexor and said processing unit are in different physical locations.

Claim 20 (original): The device of claim 18, wherein a digital watermark is inserted into said portable file.

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Claim 21 (original): The device of claim 20, wherein said digital watermark comprises two or more levels of verification.

Claim 22 (original): The device of claim 21, wherein one of said levels of verification comprises a repeating code sequence that is encoded in said digitally formatted signals.

Claim 23 (original): The device of claim 21, wherein one of said levels of verification comprises a digital signature for said portable file as a whole.

Claim 24 (original): The device of claim 21, wherein said digital watermark does not degrade playback of said portable file.

Claim 25 (original): The method of claim 1, wherein the step of encoding said digitally formatted signals into a portable file comprises the steps of:

- converting said digitally formatted signals into a combined signal;
- storing said combined signal;
- converting said stored combined signal into a plurality of digital signals; and
- converting said plurality of digital signals into said portable file.

Claim 26 (original): The method of claim 25, wherein said plurality of digital signals are time-synchronized and locked.

Claim 27 (previously presented): The method of claim 25, wherein said plurality of digital signals can be extracted from said portable file for future editing or mixing or mastering.

Claim 28 (original): The method of claim 2, wherein said portable file is published on a CD.

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Claim 29 (cancelled)

Claim 30 (previously presented): The method of claim 1, wherein said first watermark comprises a repeating code sequence that identifies said live performance.

Claim 31 (previously presented): The method of claim 3, wherein said second watermark comprises a digital signature for said portable file as a whole that identifies said end user.

Claim 32 (original): The method of claim 3, wherein said digital watermark does not degrade playback of said portable file.

Claim 33 (original): The system of claim 10, wherein said portable file is published on a CD.

Claim 34 (original): The system of claim 11, wherein said digital watermark comprises two or more levels of verification.

Claim 35 (original): The system of claim 34, wherein one of said levels of verification comprises a repeating code sequence that is encoded in said digitally formatted signals.

Claim 36 (original): The system of claim 34, wherein one of said levels of verification comprises a digital signature for said portable file as a whole.

Claim 37 (original): The system of claim 11, wherein said digital watermark does not degrade playback of said portable file.

Claim 38 (currently amended): The method of claim 1, wherein the sampling rate is greater than ~~[[44,000]]~~ 44,100 samples per second and the resolution is greater than 16 bits per sample.

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Claim 39 (original): The method of claim 38, wherein the sampling rate is approximately 96,000 samples per second and the resolution is 24 bits per sample, or the sampling rate is between 120,000 and 128,000 samples per second and the resolution is 32 bits per sample.

Claim 40 (original): The method of claim 2, wherein the format selected by the end user is a WAV format, a MP3 format, a sdII format or a Real Audio format.

Claim 41 (original): The method of claim 2, wherein the step of transporting said converted file to the end user comprises the step of burning the converted file onto a CD, or downloading the converted file to a computer, memory or MP3 player.

Claim 42 (currently amended): A method for capturing and distributing live content over a network comprising the steps of:

- capturing signals of a live performance;
- converting said signals to a digital format using a sampling rate greater than [[44,000]] 44,100 samples per second and a resolution greater than 16 bits per sample;
- inserting the first digital watermark that identifies said live performance into each sample;
- encoding said digitally formatted signals into a portable file;
- each time a song or act is completed, closing said portable file and transporting said portable file over a network;
- publishing said portable file for use by an end user;
- converting said portable file to a format selected by the end user;
- inserting a second digital watermark that identifies the end user into said converted file; and
- transporting said converted file to said end user.